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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: William C. Olson and Paul J. Maddon  
Serial No.: 09/828,615 Group Art Unit: 1648  
Filed : April 6, 2001 Examiner: J. Stucker  
For : METHODS FOR INHIBITING HIV-1 INFECTION

1185 Avenue of the Americas  
New York, New York 10036  
September 30, 2002

Assistant Commissioner for Patents  
Washington, D.C. 20231

SIR:

INFORMATION DISCLOSURE STATEMENT

In accordance with their duty of disclosure under 37 C.F.R. §1.56, applicants respectfully direct the Examiner's attention to the following references, which are listed on Form PTO-1449 attached hereto as Exhibit A. Copies of the references, listed below as items 1-3, are attached hereto as Exhibits B-D, respectively, for the Examiner's review and consideration:

1. Grene, et al. Anti-CCR5 antibodies in sera of HIV-positive individuals. Human Immunology, Vol. 62, No.2 (Feb 2001), pp 143-5 (**Exhibit B**);
2. Trkola, et al. Potent, broad-spectrum inhibition of human immunodeficiency virus type 1 by the CCR5 monoclonal antibody PRO 140. Journal of Virology, Vol 75, No. 2 (Jan 2001), pp. 579-88 (**Exhibit C**);
3. Ditzel, et al. The CCR5 receptor acts as an alloantigen in CCR5Delta32 homozygous individuals: identification of chemokine and HIV-1 blocking human antibodies. Proceedings of the National Academy of Sciences of the United States of

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America, Vol. 95, No. 9 (28 April 1998), pp. 5241-5245  
(**Exhibit D**).

The Examiner is respectfully requested to make these reference of record in the present application by initialing and returning a copy of the Form PTO-1449 submitted herewith.

These references were originally cited in a Search Report for corresponding International Application No. PCT/US02/10752. A copy of the Search Report is attached hereto as **Exhibit E**. The three remaining references on Exhibit E, i.e., International Publication Number WO 00/35409 and the articles by Vila-Coro, et al. and Olson, et al. have already been made of record in this application via the PTO Form 892, i.e., Notice of References Cited, included with the June 25, 2002 Office Action concerning the subject application. None of these references are believed to teach or even suggest the present invention.

If a telephone interview would be of assistance in advancing prosecution of the subject application, applicants' undersigned attorney invites the Examiner to telephone at the number provided below.

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Pursuant to 37 C.F.R. §1.97(c)(2), a fee of \$180.00 is deemed necessary in connection with the filing of this Information Disclosure Statement. A check in that amount is enclosed. However, if any additional fee is required, authorization is hereby given to charge the amount of any such fee to Deposit Account No. 03-3125.

Respectfully submitted,

Mark A. Farley

I hereby certify that this correspondence is being deposited this date with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed to: Assistant Commissioner for Patents, U.S. Patent and Trademark Office, Washington, D.C. 20231

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